GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:476
ANSWERED ON:22.11.2000
ATOMIC POWER GENERATION
UMMAREDDY VENKATESWARLU

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the Government propose to revive several proposals which were taken earlier for the development of atomic power generation in the country;

(b) if so, the details thereof;

(c) whether the Government are contemplating to implement these proposals expeditiously for the augmentation of atomic power in the country; and

(d) if so, the time by which these proposals are likely to be implemented?

Answer

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY (SMT. VASUNDHARA RAJE)

(a) Apart from completing and commissioning the ongoing & projects of a total capacity of 880 MWe, comprising

(b) of the Kaiga Atomic Power Project Units-1&2 (2x220 MWe), the Rajasthan Atomic Power Project Units 3&4 (2x220 MWe), proposals for nuclear power development in the Ninth Five Year Plan include commencement of 2x500 MWe plant at Tarapur(TAPP 3&4) and additional 2x220 MWe Unit at Kaiga (Kaiga 3&4), besides commis- sioning of the Detailed Project Report(DPR) for the 2x1000 MWe Nuclear Power Station at Kudankulam inTamil Nadu with Russian assistance and the commen- cement of work on Prototype Fast Breeder Reactor (PFBR) of 1x500 MWe towards the end of the 9th Plan.

(c) The two Units at Kaiga achieved criticality on 24.9.1999 & and 26.9.2000 respectively and were synchronized to the

(d) grid on 2.12.1999 and 12.10.2000 respectively. RPAS-3 achieved criticality on 24.12.1999 and was connected to the grid on 10.3.2000. The first criticality of RAPS-4was achieved on 3.11.2000 and it was connected to the grid on 17.11.2000. Further, as per the present plans, two projects viz. Kaiga-5&6 (2x220 MWe) and RAPP-5&6(2X500 MWe) are planned to be commenced during 10th Plan period subject to availability of financial resources. All the above projects viz. TAPP 3&4, Kaiga 3&4, Kudankulam 1&2, Kaiga 5&6, RAPP 5&6 and PFBR (500 MWe) would get commissioned during 10th and 11th plan which would takethe installed nuclear generation capacity to 8100 MWe by the end of 11th Plan.